

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 11, 2003, 19:47:59 ; Search time 18 Seconds
(without alignments)
664.271 Million cell updates/sec

Title: US-09-497-967-7
Perfect score: 2540
Sequence: 1 MKNILVILIISLFIHQIKS.....QCDFANFLSILLISYLL 468

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 140259 seqs, 25548876 residues

Total number of hits satisfying chosen parameters: 140259

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_AA.*

- 1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/FCRUS_PUBCOMB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	245.5	9.7	1076	9	US-10-028-072-219
2	245.5	9.7	1076	9	Sequence 219, App
3	245.5	9.7	1076	9	US-10-121-049-219
4	245.5	9.7	1076	9	Sequence 219, App
5	245.5	9.7	1076	9	US-10-123-904-219
6	245.5	9.7	1076	9	Sequence 219, App
7	245.5	9.7	1076	9	US-10-140-470-219
8	245.5	9.7	1076	9	Sequence 219, App
9	245.5	9.7	1076	9	US-10-175-746-219
10	245.5	9.7	1076	9	Sequence 219, App
11	245.5	9.7	1076	9	US-10-176-918-219
12	245.5	9.7	1076	9	Sequence 219, App
13	245.5	9.7	1076	9	US-10-176-921-219
14	245.5	9.7	1076	9	Sequence 219, App
15	245.5	9.7	1076	9	US-10-176-932-40
16	245.5	9.7	1076	9	Sequence 47, Appl
17	245.5	9.7	1076	9	US-09-975-143-47
18	245.5	9.7	1076	9	Sequence 525, App
19	245.5	9.7	1076	9	US-10-174-590-525
20	245.5	9.7	1076	9	Sequence 525, App
21	245.5	9.7	1076	9	US-10-176-758-525
22	245.5	9.7	1076	9	Sequence 525, App
23	245.5	9.7	1076	9	US-10-175-737-525
24	245.5	9.7	1076	9	Sequence 525, App
25	245.5	9.7	1076	9	US-10-173-706-525
26	245.5	9.7	1076	9	Sequence 525, App
27	245.5	9.7	1076	9	US-10-175-738-525
28	245.5	9.7	1076	9	Sequence 525, App
29	245.5	9.7	1076	9	US-10-175-752-525
30	245.5	9.7	1076	9	Sequence 525, App
31	245.5	9.7	1076	9	US-10-176-482-525
32	245.5	9.7	1076	9	Sequence 525, App
33	245.5	9.7	1076	9	US-10-176-757-525
34	245.5	9.7	1076	9	Sequence 525, App
35	245.5	9.7	1076	9	US-10-176-913-525
36	245.5	9.7	1076	9	Sequence 525, App
37	245.5	9.7	1076	9	US-10-180-552-525
38	245.5	9.7	1076	9	Sequence 525, App
39	245.5	9.7	1076	9	US-10-180-552-525
40	245.5	9.7	1076	9	Sequence 525, App
41	245.5	9.7	1076	9	US-10-180-552-525
42	245.5	9.7	1076	9	Sequence 525, App
43	245.5	9.7	1076	9	US-10-180-552-525
44	245.5	9.7	1076	9	Sequence 525, App
45	245.5	9.7	1076	9	US-10-180-552-525

20	233.5	9.2	4440	9	US-10-180-557-525	Sequence 525, App
21	233.5	9.2	4440	9	US-10-173-700-525	Sequence 525, App
22	233.5	9.2	4440	9	US-10-174-572-525	Sequence 525, App
23	233.5	9.2	4440	9	US-10-174-572-525	Sequence 525, App
24	233.5	9.2	4440	9	US-10-174-572-525	Sequence 525, App
25	233.5	9.2	4440	9	US-10-174-582-525	Sequence 525, App
26	233.5	9.2	4440	9	US-10-174-588-525	Sequence 525, App
27	233.5	9.2	4440	9	US-10-175-739-525	Sequence 525, App
28	233.5	9.2	4440	9	US-10-175-740-525	Sequence 525, App
29	233.5	9.2	4440	9	US-10-175-743-525	Sequence 525, App
30	233.5	9.2	4440	9	US-10-176-488-525	Sequence 525, App
31	233.5	9.2	4440	9	US-10-176-492-525	Sequence 525, App
32	233.5	9.2	4440	9	US-10-176-492-525	Sequence 525, App
33	233.5	9.2	4440	9	US-10-176-750-525	Sequence 525, App
34	233.5	9.2	4440	9	US-10-176-985-525	Sequence 525, App
35	233.5	9.2	4440	9	US-10-176-987-525	Sequence 525, App
36	233.5	9.2	4440	9	US-10-176-991-525	Sequence 525, App
37	233.5	9.2	4440	9	US-10-176-992-525	Sequence 525, App
38	233.5	9.2	4440	9	US-10-176-993-525	Sequence 525, App
39	233.5	9.2	4440	9	US-10-184-638-525	Sequence 525, App
40	230.5	9.1	480	10	US-10-052-586-525	Sequence 16, Appl
41	225	8.9	1401	9	US-09-823-936-16	Sequence 177, App
42	224	8.8	575	9	US-09-759-1308-177	Sequence 46, Appl
43	216.5	8.5	585	10	US-09-791-932-46	Sequence 24, Appl
44	216.5	8.5	1422	10	US-09-817-774-24	Sequence 1, Appl1
45	216	8.5	1894	9	US-10-174-590-97	Sequence 97, Appl1

ALIGNMENTS

RESULT 1
US-10-028-072-219
; Sequence 219, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18

1 PRIOR APPLICATION NUMBER: 60/059352
2 PRIOR FILING DATE: 1997-09-19
3 PRIOR APPLICATION NUMBER: 60/059588
4 PRIOR FILING DATE: 1997-09-19
5 PRIOR APPLICATION NUMBER: 60/059836
6 PRIOR FILING DATE: 1997-09-24
7 PRIOR APPLICATION NUMBER: 60/062250
8 PRIOR FILING DATE: 1997-10-17
9 PRIOR APPLICATION NUMBER: 60/062285
10 PRIOR FILING DATE: 1997-10-17
11 PRIOR APPLICATION NUMBER: 60/062287
12 PRIOR FILING DATE: 1997-10-17
13 PRIOR APPLICATION NUMBER: 60/062814
14 PRIOR FILING DATE: 1997-10-24
15 PRIOR APPLICATION NUMBER: 60/062816
16 PRIOR FILING DATE: 1997-10-24
17 PRIOR APPLICATION NUMBER: 60/063045
18 PRIOR FILING DATE: 1997-10-24
19 PRIOR APPLICATION NUMBER: 60/063082
20 PRIOR FILING DATE: 1997-10-31
21 PRIOR APPLICATION NUMBER: 60/063127
22 PRIOR FILING DATE: 1997-10-24
23 PRIOR APPLICATION NUMBER: 60/063327
24 PRIOR FILING DATE: 1997-10-27
25 PRIOR APPLICATION NUMBER: 60/063329
26 PRIOR FILING DATE: 1997-10-27
27 PRIOR APPLICATION NUMBER: 60/063550
28 PRIOR FILING DATE: 1997-10-28
29 PRIOR APPLICATION NUMBER: 60/063561
30 PRIOR FILING DATE: 1997-10-28
31 PRIOR APPLICATION NUMBER: 60/063704
32 PRIOR FILING DATE: 1997-10-29
33 PRIOR APPLICATION NUMBER: 60/063733
34 PRIOR FILING DATE: 1997-10-29
35 PRIOR APPLICATION NUMBER: 60/063735
36 PRIOR FILING DATE: 1997-10-29
37 PRIOR APPLICATION NUMBER: 60/063738
38 PRIOR FILING DATE: 1997-10-29
39 PRIOR APPLICATION NUMBER: 60/063755
40 PRIOR FILING DATE: 1997-10-17
41 PRIOR APPLICATION NUMBER: 60/064248
42 PRIOR FILING DATE: 1997-11-03
43 PRIOR APPLICATION NUMBER: 60/064809
44 PRIOR FILING DATE: 1997-11-07
45 PRIOR APPLICATION NUMBER: 60/065186
46 PRIOR FILING DATE: 1997-11-12
47 PRIOR APPLICATION NUMBER: 60/065846
48 PRIOR FILING DATE: 1997-11-17
49 PRIOR APPLICATION NUMBER: 60/066364
50 PRIOR FILING DATE: 1997-11-21
51 PRIOR APPLICATION NUMBER: 60/066453
52 PRIOR FILING DATE: 1997-11-24
53 PRIOR APPLICATION NUMBER: 60/066511
54 PRIOR FILING DATE: 1997-11-24
55 PRIOR APPLICATION NUMBER: 60/066770
56 PRIOR FILING DATE: 1997-11-24
57 PRIOR APPLICATION NUMBER: 60/069212
58 PRIOR FILING DATE: 1997-12-11
59 PRIOR APPLICATION NUMBER: 60/069278
60 PRIOR FILING DATE: 1997-12-11
61 PRIOR APPLICATION NUMBER: 60/069334
62 PRIOR FILING DATE: 1997-12-11
63 PRIOR APPLICATION NUMBER: 60/069694
64 PRIOR FILING DATE: 1997-12-16
65 PRIOR APPLICATION NUMBER: 60/072320
66 PRIOR FILING DATE: 1998-01-23
67 PRIOR APPLICATION NUMBER: 60/073612
68 PRIOR FILING DATE: 1998-02-04
69 PRIOR APPLICATION NUMBER: 60/074086
70 PRIOR FILING DATE: 1998-02-09
71 PRIOR APPLICATION NUMBER: 60/074092
72 PRIOR FILING DATE: 1998-02-09
73 PRIOR APPLICATION NUMBER: 60/077791
74 PRIOR FILING DATE: 1998-03-12
75 PRIOR APPLICATION NUMBER: 60/078910
76 PRIOR FILING DATE: 1998-03-20
77 PRIOR APPLICATION NUMBER: 60/079294
78 PRIOR FILING DATE: 1998-03-25
79 PRIOR APPLICATION NUMBER: 60/079663
80 PRIOR FILING DATE: 1998-02-27
81 PRIOR APPLICATION NUMBER: 60/079728
82 PRIOR FILING DATE: 1998-03-27
83 PRIOR APPLICATION NUMBER: 60/080165
84 PRIOR FILING DATE: 1998-03-31
85 PRIOR APPLICATION NUMBER: 60/081203
86 PRIOR FILING DATE: 1998-04-09
87 PRIOR APPLICATION NUMBER: 60/081229
88 PRIOR FILING DATE: 1998-04-09
89 PRIOR APPLICATION NUMBER: 60/081695
90 PRIOR FILING DATE: 1998-04-14
91 PRIOR APPLICATION NUMBER: 60/081817
92 PRIOR FILING DATE: 1998-04-15
93 PRIOR APPLICATION NUMBER: 60/081818
94 PRIOR FILING DATE: 1998-04-15
95 PRIOR APPLICATION NUMBER: 60/082999
96 PRIOR FILING DATE: 1998-04-24
97 PRIOR APPLICATION NUMBER: 60/083322
98 PRIOR FILING DATE: 1998-04-28
99 PRIOR APPLICATION NUMBER: 60/083545
100 PRIOR FILING DATE: 1998-04-29
101 PRIOR APPLICATION NUMBER: 60/084600
102 PRIOR FILING DATE: 1998-05-07
103 PRIOR APPLICATION NUMBER: 60/084627
104 PRIOR FILING DATE: 1998-05-07
105 PRIOR APPLICATION NUMBER: 60/084637
106 PRIOR FILING DATE: 1998-05-07
107 PRIOR APPLICATION NUMBER: 60/085149
108 PRIOR FILING DATE: 1998-05-12
109 PRIOR APPLICATION NUMBER: 60/085323
110 PRIOR FILING DATE: 1998-05-13
111 PRIOR APPLICATION NUMBER: 60/085338
112 PRIOR FILING DATE: 1998-05-13
113 PRIOR APPLICATION NUMBER: 60/085339
114 PRIOR FILING DATE: 1998-05-13
115 PRIOR APPLICATION NUMBER: 60/085579
116 PRIOR FILING DATE: 1998-05-15
117 PRIOR APPLICATION NUMBER: 60/085697
118 PRIOR FILING DATE: 1998-05-15
119 PRIOR APPLICATION NUMBER: 60/085704
120 PRIOR FILING DATE: 1998-05-15
121 PRIOR APPLICATION NUMBER: 60/086414
122 PRIOR FILING DATE: 1998-05-22
123 PRIOR APPLICATION NUMBER: 60/086430
124 PRIOR FILING DATE: 1998-05-22
125 PRIOR APPLICATION NUMBER: 60/087106
126 PRIOR FILING DATE: 1998-05-28
127 PRIOR APPLICATION NUMBER: 60/088026
128 PRIOR FILING DATE: 1998-06-04
129 PRIOR APPLICATION NUMBER: 60/088730
130 PRIOR FILING DATE: 1998-06-10
131 PRIOR APPLICATION NUMBER: 60/088741
132 PRIOR FILING DATE: 1998-06-10
133 PRIOR APPLICATION NUMBER: 60/088810
134 PRIOR FILING DATE: 1998-06-10
135 PRIOR APPLICATION NUMBER: 60/088858
136 PRIOR FILING DATE: 1998-06-11
137 PRIOR APPLICATION NUMBER: 60/089532
138 PRIOR FILING DATE: 1998-06-17
139 PRIOR APPLICATION NUMBER: 60/089599
140 PRIOR FILING DATE: 1998-06-17
141 PRIOR APPLICATION NUMBER: 60/089907
142 PRIOR FILING DATE: 1998-06-18
143 PRIOR APPLICATION NUMBER: 60/089947
144 PRIOR FILING DATE: 1998-06-19
145 PRIOR APPLICATION NUMBER: 60/090349
146 PRIOR FILING DATE: 1998-06-23


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; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-904-219
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Query Match          9.7%; Score 245.5; DB 9; Length 1076;
Best Local Similarity 27.3%; Pred. No. 5e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

QY 26 GTEINTAGQVDDLGTPANCVCOKNFYNNAAAFVPG-ASTC---TPCPQKKDAGAQPNP 81
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 397 GTATTTCCTGCTTCATCAGCTA-----GAGAGATGAAATCCATTACCAGGATGAAAAG 451
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 82 PATANLVTCQNVKCPAGTALAGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP 141
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 452 AATATTTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 142 V-----NRVGGALTAGNAATIVAQCNVACPTGTALDDGVTTDYVRSFTECVKCRNFY 194
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 487 AAGCCATCAGTGAACGTGATATCTCTTCTCTG-----GATTAAAAATATTGGAAG 541
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 195 YNGNNGTTPFPNGKSOCTPCPAIKPANVAOATLGNDAITTAOCNVACPDGTISAAGVNNW 254
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 542 CAGTCAGT-----AAACCAAGCAAGTACATTG--ATTTTAC-----AGTTAT 583
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 255 VAQNTCTNCAPNFYNNAPNFPNGNSTCLPCPANKDYGAEATAGGAATLAKQC----- 308
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATAACAGTCTA 629
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 309 NIACPDGTAIASG-----ATNVILQTECLNCAANFYDGNFQ--AGSSRCKACP 357
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 630 TTTCTTTTAAAAACTTTTAAACATAATACTGAGCGCATGTTAGGTGATTCAAGATAGACA 689
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 358 ANKVGAVATAGGTATLTAQCALECPAGTVLTDGTTSTYKQAASECVKCAANFYTT----- 413
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 690 AGAAGATTTTAGTAAATTAAC-----GTTTGGATAT---AAGTTGTCACATAATTGCA 740
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 414 -KQTDWVAGIDTCTSC 428
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 741 CATTTTCTGTGTTTC 756
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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RESULT 4
US-10-140-470-219
; Sequence 219, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
```

```
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-219

Query Match          9.7%; Score 245.5; DB 9; Length 1076;
Best Local Similarity 27.3%; Pred. No. 5e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

QY 26 GTEINTAGQVDDLGTPANCVCOKNFYNNAAAFVPG-ASTC---TPCPQKKDAGAQPNP 81
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 397 GTATTTCCTGCTTCATCAGCTA-----GAGAGATGAAATCCATTACCAGGATGAAAAG 451
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 82 PATANLVTCQNVKCPAGTALAGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP 141
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 452 AATATTTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 142 V-----NRVGGALTAGNAATIVAQCNVACPTGTALDDGVTTDYVRSFTECVKCRNFY 194
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 487 AAGCCATCAGTGAACGTGATATCTCTTCTCTG-----GATTAAAAATATTGGAAG 541
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 195 YNGNNGTTPFPNGKSOCTPCPAIKPANVAOATLGNDAITTAOCNVACPDGTISAAGVNNW 254
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 542 CAGTCAGT-----AAACCAAGCAAGTACATTG--ATTTTAC-----AGTTAT 583
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 255 VAQNTCTNCAPNFYNNAPNFPNGNSTCLPCPANKDYGAEATAGGAATLAKQC----- 308
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATAACAGTCTA 629
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 309 NIACPDGTAIASG-----ATNVILQTECLNCAANFYDGNFQ--AGSSRCKACP 357
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 630 TTTCTTTTAAAAACTTTTAAACATAATACTGAGCGCATGTTAGGTGATTCAAGATAGACA 689
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 358 ANKVGAVATAGGTATLTAQCALECPAGTVLTDGTTSTYKQAASECVKCAANFYTT----- 413
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 690 AGAAGATTTTAGTAAATTAAC-----GTTTGGATAT---AAGTTGTCACATAATTGCA 740
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 414 -KQTDWVAGIDTCTSC 428
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 741 CATTTTCTGTGTTTC 756
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
```

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RESULT 5
US-10-175-746-219
; Sequence 219, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
```

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; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-176-918-219

Query Match          9.7%; Score 245.5; DB 9; Length 1076;
Best Local Similarity 27.3%; Pred. No. 5e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps

QY 26 GTEHTAGQVDLGTGTPANCYNCKNFYNNAAAFVPG-ASTC---TPCPQKKDAGAAPNP 81
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 397 GTATTCTCTGTGTTCAATCAGCTA-----GAGAGATGAATCCATTACCAGGATGAAAG 451
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 82 PATANLVTCNVKPCAGTAGGATDYAAIITECVNCRINFYENAPNFNAGASTCTACP 141
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 452 AATATTT-----ATAGGATTGAAACAAA-----GGAATCTACA 486
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 142 V-----NRVGALTAGNAATIVAOGNVACPTGTALDDGVTDDYVRSFTECVKCRNFY 194
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 487 AAGCATCAGTGAACGTGGATATTCTTCTTTCCTG-----GATTAAAAAATTTATGGAAAG 541
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 195 YNGNNGNTPNPGKSOCPTCPAIPKANVAQATLGNDAITAOGNVACPDGTISAAAGVNMW 254
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 542 CAGTCAGT-----AAACCAAGCCAGTACATTG--ATTITAC-----AGTTAT 583
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 255 VAQNETCTNCAPNFYNNAPNFNPNGNSTCLPCPANKDYGAEATAGGAATLAKQC----- 308
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATAACAGCTCA 629
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 309 NIACPDGTFATAGS-----ATNVVILQTECLNCAANFYFGNNFQ--AGSSRCKACP 357
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 630 TTTCTTTTAAAACTTTTAAACATAATACTGACGGCATGTTAGTGATTACAGAAATAGACA 689
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 358 ANKVGQAVATAGGTATLIIAQCALLECPAGTVLTGDTSTFYKQAASECVKCAANFYTT---- 413
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 690 AGAAGGATTTAGTAAATTAAC-----GTTTGGATAT---AAGTGTGTCACTAATTGCA 740
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 414 -KQTDWVAGIDTCTSC 428
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 741 CATTTCCTGTGTTTTC 756
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

RESULT 7
US-10-176-921-219
; Sequence 219, Application US/10176921
; Publication No. US2003002726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEOT
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921

```

RESULT 9
US-09-975-143-47
; Sequence 47, Application US/09975143
; Patent No US20020155513A1

```
; GENERAL INFORMATION:
; APPLICANT: HSU, Daniel, K.
; APPLICANT: LIU, Fu-Wong
; APPLICANT: DOWLING, Christopher, A.
; TITLE OF INVENTION: GALECTIN EXPRESSION IS INDUCED IN
; FILE REFERENCE: CIRRHOTIC LIVER AND HEPATOCELLULAR CARCINOMA
; CURRENT APPLICATION NUMBER: US/09/975,143
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: PCT/US00/08561
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 914
; TYPE: PRT
; ORGANISM: human
US-09-975-143-47

Query Match          9.4%; Score 237.5; DB 9; Length 914;
Best Local Similarity 25.7%; Pred. No. 1.7e-10;
Matches 123; Conservative 9; Mismatches 208; Indels 139; Gaps 19;

QY 23 CPVGTETNTAGQVDDLGTPANCVCQKKNFYNNAAAFVPGASTC-----TPCPQKKDAG 76
Db 500 CACGCTTCAA-----TGAGAACAA-----AGGAGAGTCATTGTTGCAATACAA 544
QY 77 AQPNPATNLVTCNVKCPAGTATAGATDYAALIITECVNCRINFYNENAPFNAGAST 136
Db 545 AGCTGGATA-----ATAACTGGGGAAGGAAGAAGACAGTC-----GGTT 585
QY 137 CTACPNRVGGAL-TAGNA-----ATIVAQCNCVACPTGTALDDGVTTDYVRSFTECVKRL 191
Db 586 TTCCCATTTGAAAGTGGGAACCACTCAAAATACAGTACTGGTGTACCTGACCA-----641
QY 192 NFYNGNNGNTPFPNPKSQCTPCPAIKPANVAQATLGNDAITTAOCNVACPDGTISAAGV 251
Db 642 -----CTTCAAGGTTGCAGTGAATGAT-----GCTCAGCTTGTGTGAGT 679
QY 252 -----NNWVAQNTNCTNCAPNFYNNAPNPNFNGNSTCLPCPANKDYGAEAT--- 297
Db 680 ACAATCATCGGGTTAAAAACT-CAA-----TGAAATCAGCAAACTGGGAATTC 728
QY 298 ---AGGAATLAKQCNIACPDG-----TAIASGATNTVILQTECLNCAANFYFDGNNFQ 347
Db 729 TGGTGACATAGACCTCACCGTGTCTCATATACCATGATATAATCTGAA-----GGGC 783
QY 348 AGSSRCKACPNKVOGAVATAGGTATLIAQCALECPAG-----TVLFDGT----- 392
Db 784 AGATTAAAAAATAAAGAAAGAACTTAAACCTTACATGTGTAAGGTTTCATGTTCAGTG 843
QY 393 -----TSTYKQAASECVKCA--ANFYTTKQTDWVAG-IDTCTSCNKKLTSGABA 438
Db 844 TGAGTGAATAATTTTACATTCATCAATATACCTCTTGTGAAGTCATCTACTTAATAATA 902

RESULT 10
US-10-174-590-525
; Sequence 525, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
```

```
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C42
; CURRENT APPLICATION NUMBER: US/10/174,590
; CURRENT FILING DATE: 2002-06-18
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-174-590-525

Query Match          9.2%; Score 233.5; DB 9; Length 4440;
Best Local Similarity 25.6%; Pred. No. 2.1e-09;
Matches 121; Conservative 10; Mismatches 248; Indels 93; Gaps 16;

QY 20 SANCPCVGTETNTAGQVDDLGTPANCVCQKKNFYNNAAAFVPGASTCTCPCKKDDAGAQP 79
Db 3955 AATCACTCTTTTGTGCAAG-----GTAAAATATATATCCAC-ATTGAGATC 3999
QY 80 NPPAT-ANLYTCNVKCPAGTATAGATDYAALIITECVNCRINFYNENAPFNAGASTCT 138
Db 4000 ATACTGAATATACAGACTAATTCCAGGAAAAAATGTATGCTTTATTGCA---TTGAGTCT 4056
QY 139 ACPV-----NRVGALTAGNAATIVAQCNCVACPTGTALDDGVTTDYVRSFTECVKRLNFY 194
Db 4057 TCTATATCAATAAAAAAGATAT-GAATTTCCATGATTGAAAT-----CTTCACTGA 4107
QY 195 YNNGNNGNTPNPKSQ-----CTPCPAIKPANVAQATLGNDAITTAOCNVACPDG 244
Db 4108 GACTTATTTTGTGCTTTTCACATGTCTCTGCAAA-----TGTATTGTTAAATTTATTAG 4163
QY 245 ---TISAAGYNNVVAQNTNCTNCAPNFYNNAPNPNFNGNSTCLPCPANKDYGAEATAG-- 299
Db 4164 GTATTTTAGGGGAAATGATTTCTA-----AAGTTGTATTCTTAGCTTGTATAATT 4217
QY 300 -----GAATLAKQCNIACPDGTAIASGATNTVILQTECLNCA-ANFYEDGNHFOAG-- 349
Db 4218 TACATATGAGATAGTCATCTGTTATATATTATATAACTGATCATATTACTGTATTGTA 4277
QY 350 -----SSRCKACPNKVOGAVAT---AGGTATLIAQC-----ALECP 383
Db 4278 TTGTTTTAATAGTTTCTTATTTTGGGTTTCTCGGAATACAACTTATTATCTACA 4337
QY 384 AGTVLTGGTTSTYKQAASECVKCAANFYTTKQTDWVAGIDTCTSCNKKLTSG 435
Db 4338 AATTATGATTGTTTGGCTTTTCCAATGTTCAACTGTTTTTATATTCTTGG 4389

RESULT 11
US-10-176-758-525
; Sequence 525, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C104
; CURRENT APPLICATION NUMBER: US/10/176,758
; CURRENT FILING DATE: 2002-06-21
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
```

; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-525

Query Match 9.2%; Score 233.5; DB 9; Length 4440;
Best Local Similarity 25.6%; Pred. No. 2.1e-09;
Matches 121; Conservative 10; Mismatches 248; Indels 93; Gaps 16;

```
QY 20 SANCVPGETNTAGQVDDLGTPANCVCNKFNYYNNAAFVPGASTCTPCPKKDAQP 79
Db 3955 AATCACTCTTTTGTGCCAAG-----GTAATAATATATCCAC-ATTGAGATC 3999

QY 80 NPPAT-ANLVTQCNCVPAGTAIAGGATDYAAIITECVNCNRYNFYENAPNFNAGASTCT 138
Db 4000 ATACTGAATATACAGACTAATTCAGGAAAAATGTATGCTCTTTATTGCA---TTGAGTCT 4056

QY 139 ACPV-----NRVGGALTAGNAATIVAOCNVACPTGTALDDGVTTDYVRSFTECVKCRNFY 194
Db 4057 TCTTATCCAATAAAAAAGATAT-GAATTTCCATGTATTGAAAT-----CTTCACTGA 4107

QY 195 YNGNNGNTPFPNPKSQ-----CTPCPAIKPANVAQATLGNDAITTAOCNVACPDG 244
Db 4108 GACTTATTTTGGCTTTTTCACATGCTCTGCAAA----TGTAATGTTAAATTTATTTTAG 4163

QY 245 ---TISAAGYNNWVAQNTCTNCAPNFYNNNPNFNGNSTCLPCPANKDYGAEATAG-- 299
Db 4164 GTATTTTAGGGGAAATGATTTTCTA-----AAGTTTGATTTTCTAGCTTGTATAATT 4217

QY 300 -----GAATLAKOCNIACPDGTATASGATNYVILQTECLNCA-ANFYDGNFQAG-- 349
Db 4218 TACATATGAGATGATGATTTGTTATATTTATTAACATGATCATATTACTGTATTGTA 4277

QY 350 -----SSRCKACAPANKVOGAVAT-----AGGTATLIAQC-----ALECP 383
Db 4278 TTGTTTAAATAGTTTCTATATTTTGGGTTTCTCGGAATACACCTTATATCTACA 4337

QY 384 AGTVLDTGTTSTYKQAASECVKCAANFYTTKQTDWVAGIDTCTSCNKLTSG 435
Db 4338 AATTATGATGTTTGTGCTTTTCCAAATGTTTCATAACTGTTTTTATATTTCTTG 4389
```

RESULT 12
US-10-175-737-525
; Sequence 525, Application US/10175737
; Publication No. US20030013153A1

```
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-525
```

Query Match 9.2%; Score 233.5; DB 9; Length 4440;
Best Local Similarity 25.6%; Pred. No. 2.1e-09;

```
Matches 121; Conservative 10; Mismatches 248; Indels 93; Gaps 16;

QY 20 SANCVPGETNTAGQVDDLGTPANCVCNKFNYYNNAAFVPGASTCTPCPKKDAQP 79
Db 3955 AATCACTCTTTTGTGCCAAG-----GTAATAATATATCCAC-ATTGAGATC 3999

QY 80 NPPAT-ANLVTQCNCVPAGTAIAGGATDYAAIITECVNCNRYNFYENAPNFNAGASTCT 138
Db 4000 ATACTGAATATACAGACTAATTCAGGAAAAATGTATGCTCTTTATTGCA---TTGAGTCT 4056

QY 139 ACPV-----NRVGGALTAGNAATIVAOCNVACPTGTALDDGVTTDYVRSFTECVKCRNFY 194
Db 4057 TCTTATCCAATAAAAAAGATAT-GAATTTCCATGTATTGAAAT-----CTTCACTGA 4107

QY 195 YNGNNGNTPFPNPKSQ-----CTPCPAIKPANVAQATLGNDAITTAOCNVACPDG 244
Db 4108 GACTTATTTTGGCTTTTTCACATGCTCTGCAAA----TGTAATGTTAAATTTATTTTAG 4163

QY 245 ---TISAAGYNNWVAQNTCTNCAPNFYNNNPNFNGNSTCLPCPANKDYGAEATAG-- 299
Db 4164 GTATTTTAGGGGAAATGATTTTCTA-----AAGTTTGATTTTCTAGCTTGTATAATT 4217

QY 300 -----GAATLAKOCNIACPDGTATASGATNYVILQTECLNCA-ANFYDGNFQAG-- 349
Db 4218 TACATATGAGATGATGATTTGTTATATTTATTAACATGATCATATTACTGTATTGTA 4277

QY 350 -----SSRCKACAPANKVOGAVAT-----AGGTATLIAQC-----ALECP 383
Db 4278 TTGTTTAAATAGTTTCTATATTTTGGGTTTCTCGGAATACACCTTATATCTACA 4337

QY 384 AGTVLDTGTTSTYKQAASECVKCAANFYTTKQTDWVAGIDTCTSCNKLTSG 435
Db 4338 AATTATGATGTTTGTGCTTTTCCAAATGTTTCATAACTGTTTTTATATTTCTTG 4389
```

RESULT 13
US-10-173-706-525
; Sequence 525, Application US/10173706
; Publication No. US2003002293A1

```
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173,706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-525
```

Query Match 9.2%; Score 233.5; DB 9; Length 4440;
Best Local Similarity 25.6%; Pred. No. 2.1e-09;
Matches 121; Conservative 10; Mismatches 248; Indels 93; Gaps 16;

```
QY 20 SANCVPGETNTAGQVDDLGTPANCVCNKFNYYNNAAFVPGASTCTPCPKKDAQP 79
Db 3955 AATCACTCTTTTGTGCCAAG-----GTAATAATATATCCAC-ATTGAGATC 3999

QY 80 NPPAT-ANLVTQCNCVPAGTAIAGGATDYAAIITECVNCNRYNFYENAPNFNAGASTCT 138
```


Db 4000 ATACTGAATATACAGACTAATTCAGGAAAAATATGCTCTTATTGCA---TTGAGTCT 4056
QY 139 ACPV----NRVGGALTAGNAATIVAOQNVACPTGTALDDGVTTDYVRSFTECVKRLNFI 194
Db 4057 TCTTATCCAATAAAAAAGATAT-GAATTTCCATGTATTGAAAT-----CTTCACTGA 4107
QY 195 YNGNNGTFFNPKGSQ-----CTPCPAIKPANVAQAATLGNDAITTAOCNVACPDG 244
Db 4108 GACTTATTTTGGCTTTTCACATGCTCGCAAA-----TGTATGTTAAATTTATTATTAG 4163
QY 245 ---TISAAGVNNWVAQNTCTNCAPNFYNNAPNPNSTCLPCPANKDYGAETAG-- 299
Db 4164 GTATTTTAGGGGAATGATTTTCTA-----AAGTTTGTATTTCTAGCTTGTATAATT 4217
QY 300 -----GAATLAKOCNIACPDGTAIASGATNYVILQTECLNCA-ANFYFDGNFQAG-- 349
Db 4218 TACATATGAGATGTCATGTTGTATATATTATACTGATCATATATTACTGTATTGTA 4277
QY 350 -----SSRCKACAPANKVQGVAT-----AGGTATLIAQC-----ALECP 383
Db 4278 TTGTTTTAATAGTTTCTTCTATTATTGTTGGGTTTCTCGGAATACACCTTATTATCTACA 4337
QY 384 AGTVLTDGTTSTYKQAASECVKCAANFYTTKOTDWAGIDTCTSCNKKLTSG 435
Db 4338 AATTATGATTGTTTGGCTTTTCCCAATGTTTCATAACTGTTTATTATTTCTTG 4389

RESULT 14

US-10-175-738-525
; Sequence 525, Application US/10175738
; Publication No. US2003002294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-525

Query Match 9.2%; Score 233.5; DB 9; Length 4440;
Best Local Similarity 25.6%; Pred. No. 2.1e-09;
Matches 121; Conservative 10; Mismatches 248; Indels 93; Gaps 16;
QY 20 SANCPTGTTNTAGQVDDLTGPANVCNCFYNNAAAFVPGASTCTPCPKKDAQAP 79
Db 3955 AATCACTCTTTTGTCCAAAG-----GTAAATATATATCCAC-ATTGAGATC 3999
QY 80 NPPAT-ANLVTCNVKCPAGTAIAGATDYAAIITECVNCRINFYNENAPNFNAGASTCT 138
Db 4000 ATACTGAATATACAGACTAATTCAGGAAAAATGATGCTTTATTGCA---TTGAGTCT 4056
QY 139 ACPV----NRVGGALTAGNAATIVAOQNVACPTGTALDDGVTTDYVRSFTECVKRLNFI 194
Db 4057 TCTTATCCAATAAAAAAGATAT-GAATTTCCATGTATTGAAAT-----CTTCACTGA 4107

QY 195 YNGNNGTFFNPKGSQ-----CTPCPAIKPANVAQAATLGNDAITTAOCNVACPDG 244
Db 4108 GACTTATTTTGGCTTTTCACATGCTCGCAAA-----TGTATGTTAAATTTATTATTAG 4163
QY 245 ---TISAAGVNNWVAQNTCTNCAPNFYNNAPNPNSTCLPCPANKDYGAETAG-- 299
Db 4164 GTATTTTAGGGGAATGATTTTCTA-----AAGTTTGTATTTCTAGCTTGTATAATT 4217
QY 300 -----GAATLAKOCNIACPDGTAIASGATNYVILQTECLNCA-ANFYFDGNFQAG-- 349
Db 4218 TACATATGAGATGTCATGTTGTATATATTATACTGATCATATATTACTGTATTGTA 4277
QY 350 -----SSRCKACAPANKVQGVAT-----AGGTATLIAQC-----ALECP 383
Db 4278 TTGTTTTAATAGTTTCTTCTATTATTGTTGGGTTTCTCGGAATACACCTTATTATCTACA 4337
QY 384 AGTVLTDGTTSTYKQAASECVKCAANFYTTKOTDWAGIDTCTSCNKKLTSG 435
Db 4338 AATTATGATTGTTTGGCTTTTCCCAATGTTTCATAACTGTTTATTATTTCTTG 4389

RESULT 15

US-10-175-752-525
; Sequence 525, Application US/10175752
; Publication No. US2003002295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-525

Query Match 9.2%; Score 233.5; DB 9; Length 4440;
Best Local Similarity 25.6%; Pred. No. 2.1e-09;
Matches 121; Conservative 10; Mismatches 248; Indels 93; Gaps 16;

QY 20 SANCPTGTTNTAGQVDDLTGPANVCNCFYNNAAAFVPGASTCTPCPKKDAQAP 79
Db 3955 AATCACTCTTTTGTCCAAAG-----GTAAATATATATCCAC-ATTGAGATC 3999
QY 80 NPPAT-ANLVTCNVKCPAGTAIAGATDYAAIITECVNCRINFYNENAPNFNAGASTCT 138
Db 4000 ATACTGAATATACAGACTAATTCAGGAAAAATGATGCTTTATTGCA---TTGAGTCT 4056
QY 139 ACPV----NRVGGALTAGNAATIVAOQNVACPTGTALDDGVTTDYVRSFTECVKRLNFI 194
Db 4057 TCTTATCCAATAAAAAAGATAT-GAATTTCCATGTATTGAAAT-----CTTCACTGA 4107
QY 195 YNGNNGTFFNPKGSQ-----CTPCPAIKPANVAQAATLGNDAITTAOCNVACPDG 244
Db 4108 GACTTATTTTGGCTTTTCACATGCTCGCAAA-----TGTATGTTAAATTTATTATTAG 4163
QY 245 ---TISAAGVNNWVAQNTCTNCAPNFYNNAPNPNSTCLPCPANKDYGAETAG-- 299
Db 4164 GTATTTTAGGGGAATGATTTTCTA-----AAGTTTGTATTTCTAGCTTGTATAATT 4217

QY 300 -----GAATLAKOCNIACPDGTALASGATNYVILQTECLNCA-ANFYFDGNNFQAG-- 349
Db 4218 TACATATGAGATAGTCATTGTTGTATATATTATTAATAACTGATCATATTAAGTATTTGTA 4277
QY 350 -----SSRCKACAPANKVOGAVAT---AGGTATLIAQC-----ALECP 383
Db 4278 TTGTTTTAATAGTTTTTCTATATTGTTGGGTTTCTCGAATACACACCTTATTATCTACA 4337
QY 384 AGTVLTDGTTSTYKQAASECVKCAANFYTTKQTDWVAGIDFCTSCNKKLTSG 435
Db 4338 RAATTATGATTGTTTGCCCTTTTCCAATGTCATAACTGTTTTTATATTCTTG 4389

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